

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Pniok et al.	:	
	:	Art Unit: Not yet assigned
Serial No.: 10/019,808	:	
	:	Examiner: Not yet assigned
Filed: January 19, 2000	:	
	:	
For: CURRENT METER SENSOR	:	

PRELIMINARY AMENDMENT

Hon. Commissioner for Patents
Washington, D.C. 20231

Prior to the examination of this Application, please amend the Application as follows:

IN THE CLAIMS

4. (once amended) A current sensing unit according to claim 1, said two Hall sensors being arranged such that the conductor extends between the two Hall sensors.

5. (once amended) A current sensing unit according to claim 1, comprising a shield mounted around the Hall sensors and the conductor.

6. (once amended) A current sensing unit according to claim 1, said conductor being a circular conductor.

7. (once amended) A current sensing unit according to claim 1, said Hall sensors having the least possible distance to each other.

8. (once amended) A current sensing unit according to claim 1, said Hall sensors having the same distance to the conductor, respectively.